

October 29, 1981

Memo to File:

RE: Western Tar Sands, Inc.  
818 17th St., Suite 804  
Denver, CO 80202

Contact Person: Lewis I. Hart, Jr.  
Phone: (303) 892-1996

A proposed tar sand pilot project was inspected on October 1, 1981, by Joe Helfrich, Sandy Pruitt and Gilbert Hunt from the Division of Oil, Gas and Mining. They were accompanied by a Mr. Doyle Smuin, watchman for the property.

Activity to date consisted of the one-lane road approximately one mile long bladed to the proposed pilot project site. At the site, the pad had been constructed, there was approximately 150 feet square. Around the pad, a six foot hurricane fence had been erected. The watchman's trailer had been placed on the pad inside the fence.

#### Proposed Activity

The tar sand ore will be removed by overburden removal then excavating the exposed ore out of the ground. Division members should be concerned with topsoil removal during this procedure as there was no indication of prior topsoil removal during pad construction. The excavated ore will be stockpiled outside the northwest corner of the existing fence. From there, it will be loaded into a crusher and conveyed to a small processing plant where the waste rock material, i.e., sand, will be placed outside the fence on the southeast corner of the newly developed pad. The pilot project should remain active for approximately one year under the direction of Arnold Tuirman, foreman for the pilot project.

#### Approval Status

Tentative approval was granted by the Utah Division of Oil, Gas and Mining on July 23, 1981, to Western Tar Sands, Inc., to commence surface mining and processing of tar sands in Section 16, T. 7 S., R. 25 E., Uintah County, Utah. Mr. Hart, president of the Western Tar Sands, Inc., has posted a surety bond in the amount of \$64,500 on the 13th day of September, 1981, with the State of Utah, Department of Natural Resources and Energy, Board of State Lands. The Division of State Lands and Forestry under the signature of John T. Blake, natural resource specialist, granted approval for mining activities on October 20, 1981. Division approval pursuant to the above-mentioned documentation is in rough draft and will be forthcoming.

 JOSEPH C. HELFRICH  
RECLAMATION SOILS SPECIALIST

JCH/btm

#### Statistics:

Vehicle: #EX 70237--850 miles  
Per Diem: Three person X 3 days, 10 1/2 hours @ \$37.50/day = \$301.52  
Grant: A & E